

IN THE CLAIMS:

Please amend claims as follows.

1. (currently amended) A preservation Preservation medium for living organs, biological tissues, and cells containing a liquid nutritive base, wherein the preservation medium [[it]] contains all of the following components: a high-molecular-weight hyaluronic acid, [[and]] sodium chloride, trace elements, amino acids, vitamins, and a stabilizing pH buffer and wherein it contains no component of animal origin.

2. (currently amended) The preservation Preservation medium according to claim 1 wherein it contains:

- from 80 to 4,000 mg/l, preferably 100 to 200 mg/l, preferentially 100 to 160 mg/l of high-molecular-weight hyaluronic acid, and
- from 4,500 to 9,000 mg/l, preferably from 5,500 to 9,000 mg/l, preferentially 7,000 mg/l of sodium chloride.

3. (currently amended) The preservation Preservation medium according to claim 1, wherein [[it]] the preservation medium contains, in addition, poloxamer 188.

4. (currently amended) The preservation Preservation medium according to claim 3, wherein [[it]] the preservation medium contains from 200 to 75,000 mg/l, preferably from 450 to 50,000 mg/l of poloxamer 188.

5. (currently amended) The preservation Preservation medium according to claim 1 wherein [[it]] the preservation medium contains, ~~in addition~~, methyl cellulose.

6. (currently amended) The preservation Preservation medium according to claim 5, wherein [[it]] the preservation medium contains from 210 to 5,000 mg/l, ~~preferably from 1,900 to 2,500 mg/l and preferentially 2,205 mg/l~~ of methyl cellulose.

7. (currently amended) The preservation Preservation medium according to claim 1, wherein [[it]] the preservation medium presents an osmolarity from 300 to 465 mOsm \pm 40 mOsm.

8. (currently amended) The preservation Preservation medium according to claim 1, wherein [[it]] the preservation medium presents a Brookfield viscosity at 20 °C in the range between 1 and 15 centipoises, ~~preferably between 2.5 and 10 centipoises~~.

9. canceled

10. (currently amended) The preservation Preservation medium according to claim 1, wherein [[it]] the preservation medium does not contain dextran.

11. (withdrawn) Use of a preservation medium according to claim 1 for the preservation of living human corneas.

12. (withdrawn) Use of a preservation medium according to claim 1 for organ culture of living organs, biological tissues, and cells, in particular of living human corneas.

13. (withdrawn) Use of a preservation medium according to claim 1 for the transport of living organs, biological tissues, and cells, in particular of living human corneas.

14. (withdrawn) Use of a preservation medium according to claim 1 for the deturgescence of living organs, biological tissues, and cells, in particular of living human corneas

15. (new) The preservation medium according to claim 1 wherein the preservation medium further contains from 1 to 50 mg/l chondroitin sulfate, from 0.1 to 25 mg/l of heparin sulfate, from 500 to 2,000 mg/l of alginic acid, and from 1,000 to 10,000 mg/l of hetastarch.

16. (new) The preservation medium according to claim 4, wherein the poloxamer 188 ranges from 450 to 50,000 mg/l of poloxamer 188.

17. (new) The preservation medium according to claim 6, wherein the cellulose ranges from 1,900 to 2,500 mg/l.

18. (new) The preservation medium according to claim 17, wherein the cellulose is 2,205 mg/l.

19. (new) The preservation medium according to claim 8, wherein the Brookfield viscosity ranges between 2.5 and 10 centipoises.

20. (new) The preservation medium according to claim 2 wherein the preservation medium contains from 100 to 200 mg/l of high-molecular-weight hyaluronic acid and from 5,500 to 9,000 mg/l of sodium chloride.

21. (new) The preservation medium according to claim 20 wherein the preservation medium contains from 100 to 160 mg/l of high-molecular-weight hyaluronic acid and 7,000 mg/l of sodium chloride.